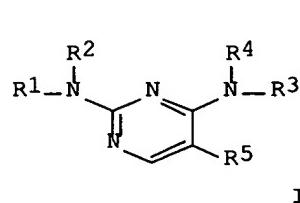
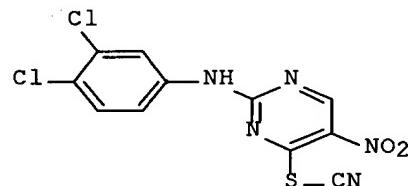


L7 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2003:319721 CAPLUS  
 DN 138:321292  
 TI Preparation of 2,4,5-trisubstituted pyrimidines as cyclin dependent Kinase inhibitors  
 IN Dahmann, Georg; Himmelsbach, Frank; Wittneben, Helmut; Pautsch, Alexander; Prokopowicz, Anthony S.; Krist, Bernd; Schnapp, Gisela; Steegmaier, Martin; Lenter, Martin; Schoop, Andreas; Steurer, Steffen; Spevak, Walter  
 PA Boehringer Ingelheim Pharma K.-G., Germany; Boehringer Ingelheim Pharmaceuticals, Inc.; Boehringer Ingelheim International G.m.b.H.  
 SO PCT Int. Appl., 278 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 1

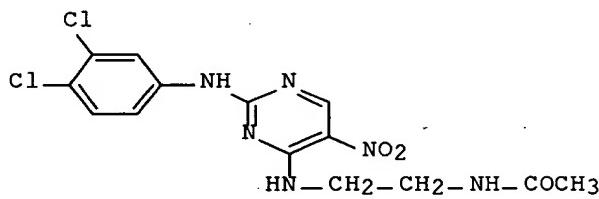
|      | PATENT NO.    | KIND   | DATE     | APPLICATION NO. | DATE                    |
|------|---------------|--|----------|-----------------|-------------------------|
| PI   | WO 2003032997 | A1   | 20030424 | WO 2002-EP11453 | 20021014                |
|      | W:            | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |                         |
|      | RW:           | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |                         |
|      | US            | 2003171359   | A1       | 20030911        | US 2002-271763 20021016 |
| PRAI | US            | 2001-330145P   | P        | 20011017        |                         |
| OS   | MARPAT        | 138:321292   |          |                 |                         |
| GI   |               |  |          |                 |                         |



1



II



III

AB Title compds. I [R1 = H, alkyl; R2 = (un)substituted alkyl; R3 = H, alkyl;

R4 = (un)substituted alkyl; R5 = halo] and their pharmaceutically acceptable salts were prepd. For example, condensation of thiocyanatopyrimide II, e.g., prepd. from 3,4-dichloroaniline and 2-chloro-4-thiocyanato-5-nitropyrimidine in one step, and acetylaminooethylamine provided trisubstituted pyrimidine III in 88%

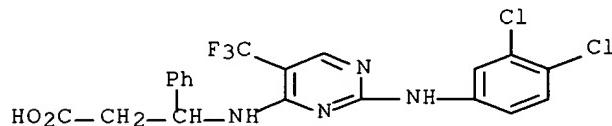
yield.

In CDK1/CyclinB1 kinase inhibition studies, 88-examples of compds. I exhibited IC<sub>50</sub> values more than 100 nM. Compds. I are claimed useful for the treatment of diseases characterized by abnormal cell proliferation.

IT 514833-97-7P, 2-(3,4-Dichlorophenylamino)-4-((2-carboxy-1-phenylethyl)amino)-5-trifluoromethylpyrimidine  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(drug candidate; prepn. of trisubstituted pyrimidines as cyclin dependent kinase inhibitors)

RN 514833-97-7 CAPLUS

CN Benzenepropanoic acid, .beta.-[[2-[(3,4-dichlorophenyl)amino]-5-(trifluoromethyl)-4-pyrimidinyl]amino]- (9CI) (CA INDEX NAME)



RE.CNT 7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:5951 CAPLUS

DN 138:73265

TI Preparation of (pyrimidyl)(phenyl)substituted fused heteroaryl p38 inhibiting and cGMP-dependent protein kinase inhibiting compounds with therapeutic uses

IN Biftu, Tesfaye; Colletti, Steven L.; McIntyre, Charles J.; Schmatz, Dennis M.; Feng, Dennis D.; Doherty, James B.; Liang, Gui-Bai; Liverton, Nigel J.; Beresis, Richard; Berger, Richard; Claremon, David A.; Kovacs, Ernest W.; Qian, Xiaoxia

PA Merck & Co., Inc., USA

SO PCT Int. Appl., 280 pp.

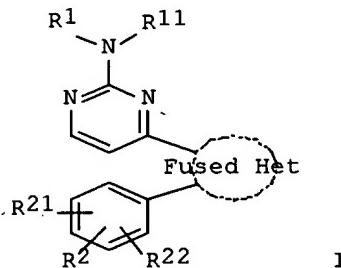
CODEN: PIIXD2

DT Patent

LA English

FAN.CNT 1

|      | PATENT NO.   | KIND      | DATE     | APPLICATION NO. | DATE     |
|------|--|-----------|----------|-----------------|----------|
| PI   | WO 2003000682  | A1        | 20030103 | WO 2002-US19507 | 20020621 |
|      | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, |           |          |                 |          |
| TM   | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |           |          |                 |          |
| PRAI | US 2001-300748P  | P         | 20010625 |                 |          |
| OS   | MARPAT   | 138:73265 |          |                 |          |
| GI   |  |           |          |                 |          |



I

AB (pyrimidyl)(phenyl)substituted fused heteroaryl compds. (shown as I; variables define below; e.g. (2-(4-fluorophenyl)-3-(2-[(S)-1-phenylethyl]amino)pyrimidin-4-yl)imidazo[1,2-a]pyridin-7-yl)methanol)

and

pharmaceutically acceptable salts thereof are useful in the treatment of cytokine mediated diseases such as arthritis and in the treatment and/or prevention of protozoal diseases such as coccidiosis. I suppress TNF-.alpha. in monocytes and also IL-1.beta., IL-6 and PGE2 prodn. with IC50 <5 .mu.M. The 'Fused Het' in I may be optionally substituted radicals derived from imidazo[1,2-a]pyridine, imidazo[1,2-a]pyrimidine, imidazo[2,1-b]thiazole, benzimidazole, etc. R1 is H, -C1-6alkyl, -C(O)(C1-6alkyl), -C(O)-C1-6-alkylaryl, -C0-4alkylaryl, -C0-

4alkylindanyl,  
-C0-4alkylimidazolyl, -C0-4alkylthiazolyl, -C0-4alkylpyrazolyl,

-C0-4alkyloxadiazolyl, -C0-4-alkyl-C3-6-cycloalkyl, -C0-4alkyl-C1-4-alkoxy, -C1-4-alkyl-N(C0-4-alkyl)(-C0-4-alkyl), -C1-4-alkyl-N(-C0-4alkyl)-

CO-C1-4-alkoxy, -C1-4-alkylpiperidinyl, -C0-4alkyltriazolyl, -C1-4-alkylimidazothiazolyl, -C1-4-alkylbenzimidazolyl, -C1-4-alkylbenzothiazolyl, -C1-4-alkylbenzotetrahydrofuranyl, -C1-4-alkylbenzodioxolyl, -C1-4-alkyl-(heterocycloC402alkyl), -C1-4-alkyl-(heterocycloC501alkyl), -C1-4-alkyltetrahydrofuran, or -C1-4-alkyloxetanyl; R11 is H or -C1-6-alkyl; or R1 and R11, together

with

the N to which they are attached, form a morpholinyl; R2, R21, R22 each independently is H, halogen, or -C1-4alkyl;. Although the methods of prepn. are not claimed, many example preps. are included.

IT 480454-44-2P, 6-(4-Fluorophenyl)-5-(2-((S)-2-carboxy-1-phenylethyl)amino)pyrimidin-4-yl)imidazo[2,1-b]thiazole

480454-45-3P, 6-(4-Fluorophenyl)-5-(2-((R)-2-carboxy-1-phenylethyl)amino)pyrimidin-4-yl)imidazo[2,1-b]thiazole

480454-46-4P, 6-(4-Fluorophenyl)-5-(2-((1S,2S)-2-carboxy-2-

hydroxy-1-phenylethyl)amino)pyrimidin-4-yl)imidazo[2,1-b]thiazole

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; prepn. of (pyrimidyl)(phenyl)substituted fused heteroaryl p38 inhibiting and cGMP-dependent protein kinase inhibiting

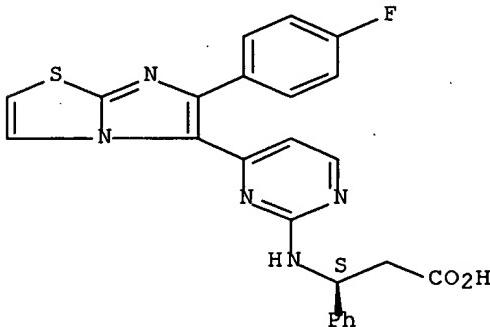
compds. with therapeutic uses)

RN 480454-44-2 CAPLUS

CN Benzenepropanoic acid, .beta.-[[4-[6-(4-fluorophenyl)imidazo[2,1-b]thiazol-

5-yl]-2-pyrimidinyl]amino]-, (.beta.S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

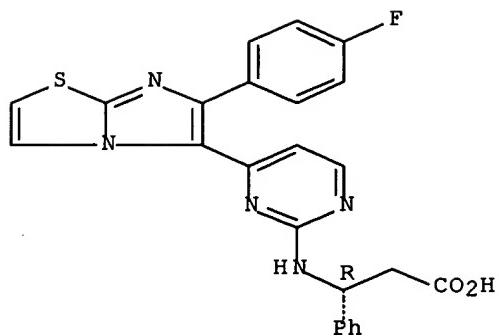


RN 480454-45-3 CAPLUS

CN Benzenepropanoic acid, .beta.-[[4-[6-(4-fluorophenyl)imidazo[2,1-b]thiazol-

5-yl]-2-pyrimidinyl]amino]-, (.beta.R)-(9CI) (CA INDEX NAME)

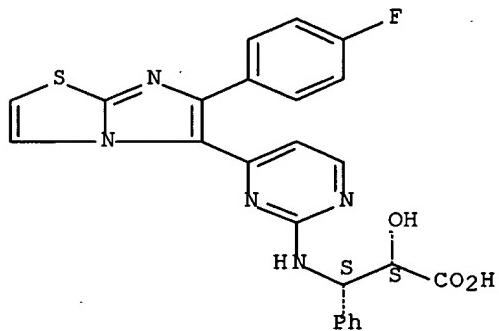
Absolute stereochemistry.



RN 480454-46-4 CAPLUS

CN Benzenepropanoic acid, .beta.-[[4-[6-(4-fluorophenyl)imidazo[2,1-b]thiazol-5-yl]-2-pyrimidinyl]amino]-.alpha.-hydroxy-, (.alpha.S,.beta.S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

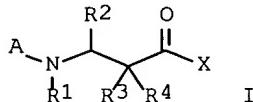


RE.CNT 1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2002:90021 CAPLUS  
 DN 136:135017  
 TI Prepn. of beta-amino acid derivatives as inhibitors of leukocyte adhesion mediated by VLA-4  
 IN Konradi, Andrei W.; Pleiss, Michael A.; Thorsett, Eugene D.; Ashwell, Susan; Welmaker, Gregory S.; Kreft, Anthony; Sarantakis, Dimitrios; Grant, Francine S.; Dressen, Darren B.; Semko, Christopher; Xu, Ying-Zi; Stappenbeck, Frank  
 PA Elan Pharmaceuticals, Inc., USA; American Home Products Corporation  
 SO PCT Int. Appl., 141 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

|      | PATENT NO.      | KIND       | DATE     | APPLICATION NO.   | DATE     |
|------|-----------------|------------|----------|---|----------|
| PI   | WO 2002008201   | A2         | 20020131 | WO 2001-US23071   | 20010720 |
|      | WO 2002008201   | A3         | 20020627 |   |          |
|      |                 |            |          | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM<br>RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG |          |
|      | US 2002058664   | A1         | 20020516 | US 2001-909838  | 20010720 |
| PRAI | US 2000-220118P | P          | 20000721 |   |          |
| OS   | MARPAT          | 136:135017 |          |   |          |
| GI   |                 |            |          |   |          |



AB Beta-amino acid derivs. I [R1 = H, (un)substituted alkyl, alkenyl, cycloalkyl, cycloalkenyl, substituted cycloalkenyl, aryl, heteroaryl, or heterocyclic; R3 and R4 = H, halogen, alkyl, substituted alkyl, alkenyl, alkynyl, alkoxy, haloalkoxy, alkylthio, alkylamino, alkylcyano, etc.; X = OH, (un)substituted alkoxy, alkenoxy, cycloalkoxy, cycloalkenoxy, aryloxy, heteroaryloxy, heterocyclxy, amino, etc.; A = (un)substituted aryl, heteroaryl, cycloalkyl, or heterocyclic group; R2 = acylamino, acyloxy, (un)substituted acyl(hetero)aryl, aminoacyl(hetero)aryl, aminocarbonylamino(hetero)aryl, etc.] were prep'd. as as inhibitors of leukocyte adhesion mediated by VLA-4. Compds. I have IC50 of 15 .mu.M or less in assay for detg. binding to VLA-4. Thus, (R)-3-[(5-(2-fluorophenyl)-2-(N-cyclohexyl-N-methylamino)-pyrimidin-4-ylamino)-3-(4-(dimethylaminocarbonyl)oxyphenyl)propanoic acid was prep'd. from p-hydroxycinnamate and (S)-(-)-benzyl-.alpha.-methylbenzylamine by multistep procedure via coupling of (R)-3-amino-3-(4-tert-butyldimethylsiloxy)phenyl)-propanoic acid Et ester with 2,4-dichloro-5-bromopyrimidine.

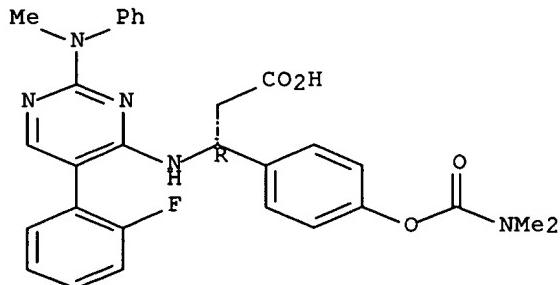
IT 392662-81-6P 392662-83-8P 392662-84-9P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of beta-amino acid derivs. as inhibitors of leukocyte adhesion mediated by VLA-4)

RN 392662-81-6 CAPLUS

CN Benzenepropanoic acid, 4-[[[(dimethylamino)carbonyl]oxy]-.beta.-[[5-(2-fluorophenyl)-2-(methylphenylamino)-4-pyrimidinyl]amino]-, (.beta.R)-(9CI) (CA INDEX NAME)

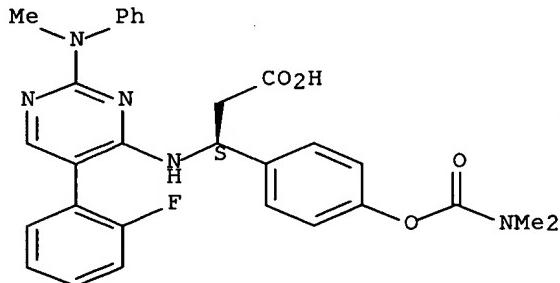
Absolute stereochemistry.



RN 392662-83-8 CAPLUS

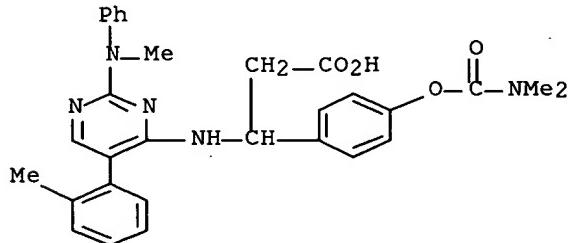
CN Benzenepropanoic acid, 4-[[[(dimethylamino)carbonyl]oxy]-.beta.-[[5-(2-fluorophenyl)-2-(methylphenylamino)-4-pyrimidinyl]amino]-, (.beta.S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 392662-84-9 CAPLUS

CN Benzenepropanoic acid, 4-[[[(dimethylamino)carbonyl]oxy]-.beta.-[[5-(2-methylphenyl)-2-(methylphenylamino)-4-pyrimidinyl]amino]- (9CI) (CA INDEX NAME)



L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1996:516458 CAPLUS  
 DN 125:168644  
 TI Derivatives of beta-aminopropionic acid with a fungicidal activity  
 IN Camaggi, Giovanni; Filippini, Lucio; Gusmeroli, Marilena; Mormile, Silvia; Signorini, Ernesto; Garavaglia, Carlo  
 PA Isagro Ricerca S.r.l., Italy  
 SO Eur. Pat. Appl., 77 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

|      | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|------|---|------|----------|-----------------|----------|
| PI   | EP 718280   | A2   | 19960626 | EP 1995-115777  | 19951006 |
|      | EP 718280   | A3   | 19961030 |                 |          |
|      | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE     |      |          |                 |          |
|      | EP 843967   | A1   | 19980527 | EP 1998-100374  | 19951006 |
|      | EP 843967   | B1   | 20000405 |                 |          |
|      | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI |      |          |                 |          |
|      | AT 191317   | E    | 20000415 | AT 1998-100374  | 19951006 |
|      | ES 2144885  | T3   | 20000616 | ES 1998-100374  | 19951006 |
|      | AU 9533147  | A1   | 19960502 | AU 1995-33147   | 19951010 |
|      | AU 707241   | B2   | 19990708 |                 |          |
|      | JP 08245541   | A2   | 19960924 | JP 1995-299254  | 19951023 |
|      | US 5856311  | A    | 19990105 | US 1995-553782  | 19951023 |
| PRAI | IT 1994-MI2156  | A    | 19941021 |                 |          |
|      | EP 1995-115777  | A3   | 19951006 |                 |          |

OS MARPAT 125:168644

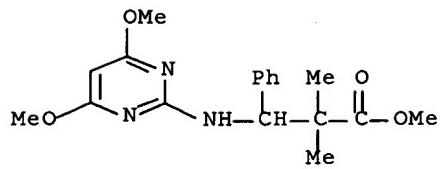
AB .beta.-Aminopropionic acids RaK1W(O)ZCR3ArCR1R2Z [W = C, SOM (m = 0-2), P(O)OR (R = C1-8 alkyl, haloalkyl); Ar = Ph, naphthyl, heteroaryl, C3-10 cycloalkyl; Q = -CN, thiazolyl, C(O)YK2Rb (Y = O, NR4, AA amino acid residue); Z = NR5, AA amino acid residue; Ra, Rb = H, C1-8 alkyl, haloalkyl, C4-10 cycloalkylalkyl, Ph, naphthyl, heterocycl, C3-10 cycloalkyl, K1, K2 = direct bond, C1-8 alkylenic or haloalkylenic chain; K1 = O, C2-8 oxaalkylenic chain, NR2 (R2 is similar to Ra); K2 = C2-8 oxaalkylenic chain; R1, R2, R3, R4, R5 = H, C1-8 alkyl, haloalkyl; R1, R2 = F] were prepd. as antifungal agents for agricultural purposes. E.g., 100 g PhCHO, 94 g malonic acid, and 109 g NH4OAc was refluxed in EtOH 8 h under N2 to give 58 % 3-phenyl-3-aminopropanoic acid. At a concn. of 2000 pm, the tested compds. showed >90% control of vine mildew (*Plasmopara viticola*) and cucumber mildew (*Sphaerotheca fuliginea*).

IT 180264-30-6P

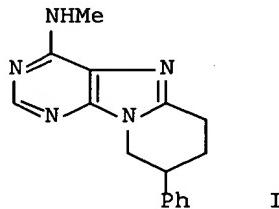
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. and fungicidal activity of .beta.-aminopropionic acid derivs.)

RN 180264-30-6 CAPLUS

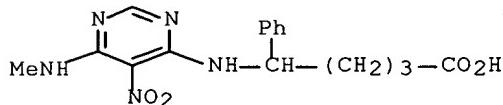
CN Benzenepropanoic acid, .beta.-[(4,6-dimethoxy-2-pyrimidinyl)amino]-.alpha.,.alpha.-dimethyl-, methyl ester (9CI) (CA INDEX NAME)



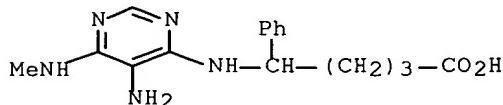
L7 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1995:637521 CAPLUS  
 DN 123:198721  
 TI Synthesis of a conformationally constrained analog of BW A78U, an anticonvulsant adenine derivative  
 AU Desaubry, Laurent; Wermuth, Camille Georges; Bourguignon, Jean-Jacques  
 CS Lab. Pharmacochim. Mol., CNRS, Strasbourg, 67084, Fr.  
 SO Tetrahedron Letters (1995), 36(24), 4249-52  
 CODEN: TELEAY; ISSN: 0040-4039  
 PB Elsevier  
 DT Journal  
 LA English  
 OS CASREACT 123:198721  
 GI



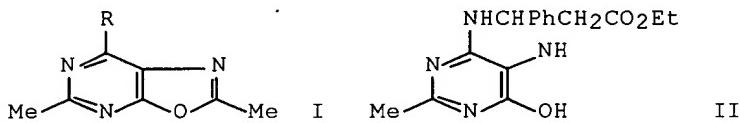
AB The conformationally constrained BW A78U analog I was prep'd. using SiCl<sub>4</sub> in a new cyclodehydration procedure.  
 IT 167864-94-0P 167864-95-1P  
 RACT RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation);  
 RACT (Reactant or reagent)  
 (prepn. of a conformationally constrained adenine deriv.)  
 RN 167864-94-0 CAPLUS  
 CN Benzenepentanoic acid, .delta.-[[6-(methylamino)-5-nitro-4-pyrimidinyl]amino]- (9CI) (CA INDEX NAME)



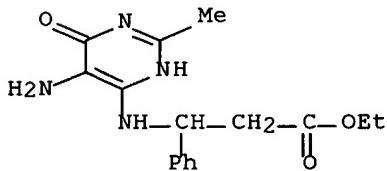
RN 167864-95-1 CAPLUS  
 CN Benzenepentanoic acid, .delta.-[[5-amino-6-(methylamino)-4-pyrimidinyl]amino]- (9CI) (CA INDEX NAME)



L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1986:207622 CAPLUS  
 DN 104:207622  
 TI Synthesis and antitumor activity of some N-2,5-dimethyloxazolo[5,4-d]pyrimidyl-7-amino acids  
 AU Melik-Ogandzhanyan, R. G.; Manukyan, A. G.; Mirzoyan, V. S.; Arsenyan, F. G.; Stepanyan, G. M.; Garibdzhanian, B. T.  
 CS Inst. Tonkoi Org. Khim., Yerevan, USSR  
 SO Khimiko-Farmatsevticheskii Zhurnal (1985), 19(6), 685-9  
 CODEN: KHFZAN; ISSN: 0023-1134  
 DT Journal  
 LA Russian  
 OS CASREACT 104:207622  
 GI



AB Oxazolopyrimidyl-substituted amino acids I (R = amino acid residue) (10 compds.) were prep'd. by the substitution reaction of I (R = Cl) with amino acids at pH 9.5-10.5. Esterification of I (R = .beta.-phenyl-.beta.-alanine residue) with EtOH in the presence of HCl resulted in oxazole ring cleavage to give pyrimidine II.HCl. The title compds. were tested as antitumor agents in mice and rats; several compds. were active and only mildly toxic.  
 IT 102249-02-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)  
 RN 102249-02-5 CAPLUS  
 CN Benzenepropanoic acid, .beta.-[(5-amino-1,6-dihydro-2-methyl-6-oxo-4-pyrimidinyl)amino]-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

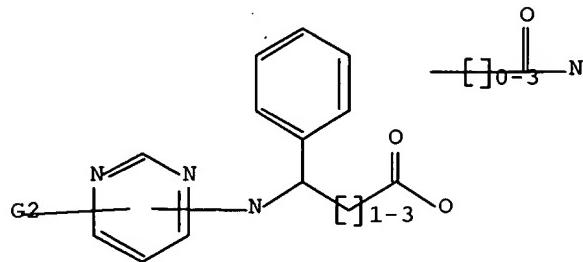


● HCl

=> d 11; d 14; d his; log y

L1 HAS NO ANSWERS

L1 STR



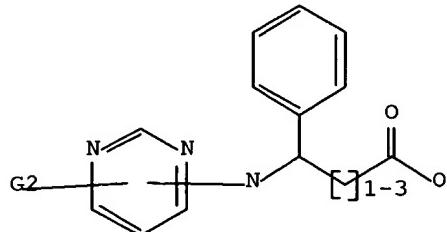
G1

G2 Cy,Ak,O,N,X

Structure attributes must be viewed using STN Express query preparation.

L4 HAS NO ANSWERS

L4 STR



G1

G2 Cy,Ak,O,N,X

Structure attributes must be viewed using STN Express query preparation.

(FILE 'REGISTRY' ENTERED AT 14:42:31 ON 24 OCT 2003)

DEL HIS Y

L1 STRUCTURE uploaded  
L2 0 S L1  
L3 0 S L1 FUL  
L4 STRUCTURE uploaded  
L5 2 S L4  
L6 27 S L4 FUL

FILE 'CAPLUS' ENTERED AT 14:44:38 ON 24 OCT 2003

L7 6 S L6

COST IN U.S. DOLLARS

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 27.63            | 324.94        |

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| -3.91            | -3.91         |

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STN INTERNATIONAL LOGOFF AT 14:45:18 ON 24 OCT 2003